

Report Date.: 09/25/98 2:09 PM
Request.....: MA98-2
Submitter....: E. Chambers/C. Callicutt
Request Type: inh
Activity : T00107

Reported By...: Peters, Linda W.
Date Submitted: 07/27/98
Date Received.: 07/31/98
Date Completed: 08/13/98
Approved By...: Peters, Linda W.

Description.: NONE - TO TEST BRANDS FOR MASSACHUSETTS COMPLIANCE

Test Categories/Tests	ML6B				MRM6B			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm		34.0				34.0		
MA Tar, mg/cigt.		23.4	1.03	20		24.5	0.96	20
MA TPM, mg/cigt.		35.7	1.91	20		37.8	1.77	20
MA Nicotine, mg/cigt.		1.62	0.066	20		1.66	0.061	20
MA Water, mg/cigt.		10.71	1.036	20		11.57	1.082	20
MA Puffs/Cigt.		10.9	0.39	20		10.5	0.35	20
Tar/Puff, mg		2.2				2.3		
MA CO, mg/cigt.		24.0	1.08	20		25.1	0.96	20
TX pH in Whole Smoke		5.0	0.02	2		5.0	0.03	2
Filter								
Tipping Paper Length, mm		31.1	0.24	20		31.2	0.31	20
Ventilation, %		24	2.2	100		22	2.3	99
Filler								
Tobacco Weight, g		0.679	0.0014	2		0.674	0.0028	2
(1)Total Alkaloids, mg/cigt.		11.41	0.233	2		11.26	0.085	2
(1)OV After Grinding, %		12.9	0.01	2		12.9	0.01	2

Test Categories/Tests	MR8B				MR8MB			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm		34.5				35.0		
MA Tar, mg/cigt.		30.1	1.05	20		29.4	1.55	20
MA TPM, mg/cigt.		44.2	1.64	20		43.3	2.19	20
MA Nicotine, mg/cigt.		2.14	0.064	20		2.01	0.079	20
MA Water, mg/cigt.		12.07	0.851	20		11.93	0.880	20
MA Puffs/Cigt.		13.0	0.46	20		11.9	0.39	20
Tar/Puff, mg		2.3				2.5		
MA CO, mg/cigt.		28.5	1.22	20		29.8	1.38	20
TX pH in Whole Smoke		5.0	0.06	2		5.0	0.02	2
Filter								
Tipping Paper Length, mm		31.4	0.42	20		31.8	0.44	20
Ventilation, %		18	1.7	100		5	0.5	98
Filler								
Tobacco Weight, g		0.834	0.0042	2		0.810	0.0021	2
(1)Total Alkaloids, mg/cigt.		14.16	0.014	2		13.57	0.071	2
(1)OV After Grinding, %		13.1	0.01	2		12.6	0.01	2

All tests were conducted in the Philip Morris U.S.A., Product Testing Laboratory with the exception of those tests denoted by a (1). These tests were performed by Philip Morris U.S.A. Analytical Methods and Applications Division. The test results relate to the samples submitted to the Product Testing Laboratory during the stated time period. Extrapolation outside this time period is not appropriate.

Report Date.: 09/25/98 2:09 PM
Request.....: MA98-2
Submitter....: E. Chambers/C. Callicutt
Request Type: inh
Activity : T00107

Reported By...: Peters, Linda W.
Date Submitted: 07/27/98
Date Received.: 07/31/98
Date Completed: 08/13/98
Approved By...: Peters, Linda W.

Description.: NONE - TO TEST BRANDS FOR MASSACHUSETTS COMPLIANCE

Test Categories/Tests	ML8B				MR8B			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm		39.0				39.0		
MA Tar, mg/cigt.		25.3	1.16	20		17.8	0.75	18
MA TPM, mg/cigt.		35.3	1.90	20		22.5	1.13	18
MA Nicotine, mg/cigt.		1.78	0.073	20		1.37	0.031	18
MA Water, mg/cigt.		8.24	0.841	20		3.33	0.558	18
MA Puffs/Cigt.		13.3	0.48	20		13.0	0.42	18
Tar/Puff, mg		1.9				1.4		
MA CO, mg/cigt.		27.9	1.11	20		22.2	0.82	17
TX pH in Whole Smoke		5.0	0.06	2		5.1	0.02	2
Filter								
Tipping Paper Length, mm		36.0	0.11	20		36.0	0.00	20
Ventilation, %		30	2.8	100		51	2.7	99
Filler								
Tobacco Weight, g		0.814	0.0021	2		0.748	0.0035	2
(1)Total Alkaloids, mg/cigt.		13.71	0.078	2		12.97	0.163	2
(1)OV After Grinding, %		13.0	0.00	2		13.1	0.01	2

Test Categories/Tests	MRM8				ML8M			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm		39.0				39.0		
MA Tar, mg/cigt.		29.4	1.16	20		23.1	1.23	20
MA TPM, mg/cigt.		41.7	1.80	20		31.0	1.97	20
MA Nicotine, mg/cigt.		2.04	0.073	20		1.63	0.063	20
MA Water, mg/cigt.		10.23	0.783	20		6.28	0.961	20
MA Puffs/Cigt.		13.7	0.51	20		13.3	0.52	20
Tar/Puff, mg		2.1				1.7		
MA CO, mg/cigt.		28.3	1.05	20		26.5	1.41	20
TX pH in Whole Smoke		5.0	0.03	2		5.0	0.03	2
Filter								
Tipping Paper Length, mm		36.0	0.08	20		36.0	0.05	20
Ventilation, %		26	2.2	100		39	3.3	99
Filler								
Tobacco Weight, g		0.829	0.0010	2		0.802	0.0042	2
(1)Total Alkaloids, mg/cigt.		13.93	0.078	2		13.62	0.099	2
(1)OV After Grinding, %		13.2	0.01	2		12.7	0.00	2

Notations:

ML6B - MARLBORO LIGHTS KSF B
MRM6B - MARLBORO MEDIUM KSF B
MR8B - MARLBORO 100 B
MR8MB - MARLBORO 100 M B

All tests were conducted in the Philip Morris U.S.A., Product Testing Laboratory with the exception of those tests denoted by a (1). These tests were performed by Philip Morris U.S.A. Analytical Methods and Applications Division. The test results relate to the samples submitted to the Product Testing Laboratory during the stated time period. Extrapolation outside this time period is not appropriate.

Report Date.: 09/25/98 2:09 PM

Reported By...: Peters,Linda W.

Request.....: MA98-2

Date Submitted: 07/27/98

Submitter...: E. Chambers/C. Callicutt

Date Received.: 07/31/98

Request Type: inh

Date Completed: 08/13/98

Activity : T00107

Approved By...: Peters,Linda W.

Description.: NONE - TO TEST BRANDS FOR MASSACHUSETTS COMPLIANCE

ML8B - MARLBORO LIGHTS 100 B

MRU8B - MARLBORO ULTRA LIGHTS 100 B

MRM8 - MARLBORO MEDIUM 100 B

ML8M - MARLBORO LIGHTS 100 M

Rejected the one value for tip-length for each sample because it was auto-loaded into the system prior to the manual entry of the individual 20 values. The rejected value should not have been auto-loaded.

MR8MB - Rejected ports for VENT, due to rejection by the DIXON TEST.

MRU8B - Rejected ports for CO,VENT & NIC (rejected the corresponding TPM,PUFF & H2O of the nicotine port), due to rejection by the DIXON TEST.

cc:

All tests were conducted in the Philip Morris U.S.A., Product Testing Laboratory with the exception of those tests denoted by a (1). These tests were performed by Philip Morris U.S.A. Analytical Methods and Applications Division. The test results relate to the samples submitted to the Product Testing Laboratory during the stated time period. Extrapolation outside this time period is not appropriate.